



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

Europäisches
Patentamt

Zweigstelle
in Den Haag
Recherchen-
abteilung

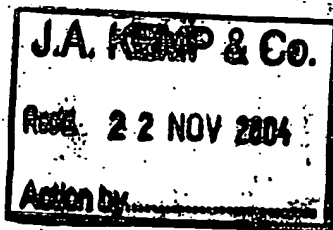
European
Patent Office

Branch at
The Hague
Search
division

Office européen
des brevets

Département à
La Haye
Division de la
recherche

Bentham, Andrew
J.A. Kemp & Co.
14 South Square
Gray's Inn
London WC1R 5JJ
GRANDE BRETAGNE



Datum/Date

23.11.04

Zeichen/Ref./Réf.

N.89506 GCW/AB

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

02709383.0-2405-US0203576

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

Auburn University

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

BEST AVAILABLE COPY

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent
Office

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 02 70 9383

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL7)		
P,X	SAMOYLOV A M ET AL: "Recognition of cell-specific binding of phage display derived peptides using an acoustic wave sensor" BIOMOLECULAR ENGINEERING, ELSEVIER, NEW YORK, NY, US, vol. 18, no. 6, 5 February 2002 (2002-02-05), pages 269-272, XP004336425 ISSN: 1389-0344 * the whole document *	1-18	G01N21/00 G01N27/26 G01N33/544 G01N33/545 C12N11/02 C12N11/08 C25B3/02 C07H15/00 C07H15/04		
Y	SAMOYLOV A M ET AL: "Recognition of cell-surface markers with peptide biosensors" BIOPHYSICAL JOURNAL, vol. 80, no. 1 Part 2, January 2001 (2001-01), page 315a, XP002305121 & 45TH ANNUAL MEETING OF THE BIOPHYSICAL SOCIETY; BOSTON, MASSACHUSETTS, USA; FEBRUARY 17-21, 2001 ISSN: 0006-3495 * the whole document *	1-18	<table border="1"><thead><tr><th>TECHNICAL FIELDS SEARCHED (Int.CL7)</th></tr></thead><tbody><tr><td>G01N C12N</td></tr></tbody></table>	TECHNICAL FIELDS SEARCHED (Int.CL7)	G01N C12N
TECHNICAL FIELDS SEARCHED (Int.CL7)					
G01N C12N					
Y	PATHIRANA S T ET AL: "Rapid and sensitive biosensor for Salmonella" BIOSENSORS AND BIOELECTRONICS, vol. 15, no. 3-4, June 2000 (2000-06), pages 135-141, XP002305122 ISSN: 0956-5663 experimental (in particular Item 2.6-2.10); results and discussion; ----- -/--	1-18 ✓			
The supplementary search report has been based on the last set of claims valid and available at the start of the search.					
Place of search Munich		Date of completion of the search 11 November 2004	Examiner Sommer, B		
<table><tr><td>CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</td><td>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document</td></tr></table>				CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document				

2
EPO FORM 1503 03.02 (P04C04)



European Patent
Office

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 02 70 9383

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
Y	SAMOYLOVA T I ET AL: "Elucidation of muscle-binding peptides by phage display screening" MUSCLE & NERVE, NEW YORK, NY, US, vol. 22, no. 4, April 1999 (1999-04), pages 460-466, XP009021175 abstract; results;	1-18 ✓	
Y	WO 00/62351 A (BARBAREE JAMES MARTIN ; HSIEH YUN HWA PEGGY (US); NEELY WILLIAM CHARLE) 19 October 2000 (2000-10-19) * page 7, line 29 - page 18, line 24; claims; examples *	1-18	
Y	AHLERS M ET AL: "Specific recognition and formation of two-dimensional streptavidin domains in monolayers: applications to molecular devices" THIN SOLID FILMS, vol. 180, no. 1-2, 21 November 1989 (1989-11-21), pages 93-99, XP002305123 introduction; figure 5; results and discussion;	1-18	
A	HENGERER A ET AL: "Quartz crystal microbalance (QCM) as a device for the screening of phage libraries" BIOSENSORS AND BIOELECTRONICS, vol. 14, no. 2, 1 February 1999 (1999-02-01), pages 139-144, XP002305124 ISSN: 0956-5663 abstract; material and methods; ----- -/--	1-18 ✓	TECHNICAL FIELDS SEARCHED (Int.CI.7)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 11 November 2004	Examiner Sommer, B
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date O : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

2
EPO FORM 1503 03.02 (P04004)



European Patent
Office

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 02 70 9383

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
T	<p>SAMOYLOV A M ET AL: "Peptide biosensor for recognition of cross-species cell surface markers." JOURNAL OF MOLECULAR RECOGNITION, vol. 15, no. 4, 18 September 2002 (2002-09-18), pages 197-203; XP009039495 ISSN: 0952-3499 * the whole document *</p>	1-18	
			TECHNICAL FIELDS SEARCHED (Int.CI.7)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 11 November 2004	Examiner Sommer, B
CATEGORY OF CITED DOCUMENTS			
<p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p>		<p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>	

2
EPO FORM 1503 03.02 (P4/C04)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 70 9383

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

11-11-2004

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0062351 A	19-10-2000	AU 4642000 A	14-11-2000
		CA 2370116 A1	19-10-2000
		EP 1186059 A1	13-03-2002
		JP 2003520943 T	08-07-2003
		WO 0062351 A1	19-10-2000